



AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-45. (Canceled)

46. (Currently Amended) A method for controlling a data transmission rate on a reverse link in a mobile communications system including a plurality of base stations and a plurality of mobile stations, the method comprising:

determining at a base station a data rate control command for controlling a transmission data rate of each mobile station to consider a channel condition or state of each mobile station;

sending each data rate control command via a forward common channel in a dedicated manner to the mobile stations, the data rate control command being formed of at least one rate control bit that is signal point mapped to at least one symbol of +1, -1, and 0 to indicate whether the mobile station should increase, decrease, or maintain its current data transmission rate; and

allowing each mobile station to adjust or maintain its data transmission rate based on the data rate control command, wherein a bit received from the mobile station on a reverse

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packet data control channel indicates whether the mobile station has enough power and data to increase its data transmission rate on a reverse packet data channel.

47-68. (Canceled)

69. (Currently Amended) A base station apparatus for controlling a data transmission rate on a reverse link in a mobile communications system including a plurality of mobile stations, the apparatus comprising:

determining means adapted to determine a data rate control command for controlling a transmission data rate of each mobile station to consider a channel condition or state of each mobile station; and

a transceiver connected with the determining means adapted to send each data rate control command via a forward common channel in a dedicated manner to the mobile stations,

wherein the data rate control command being formed of at least one rate control bit that is signal point mapped to at least one symbol of +1, -1, and 0 to indicate whether the mobile station should increase, decrease, or maintain its current data transmission rate, wherein the transceiver receives a bit from the mobile station on a reverse packet data control channel indicating whether the mobile station has enough power and data to increase its data transmission rate on a reverse packet data channel.

70-78. (Canceled)

79. (Currently Amended) A mobile station apparatus for use in a mobile communications system for controlling a data transmission rate on a reverse link, the apparatus comprising:

receiving means adapted to receive a data rate control command of a base station on a forward link common channel in a dedicated manner, the data rate control command being formed of at least one rate control bit that is signal point mapped to at least one symbol of +1, -1, and 0 to indicate whether the mobile station should increase, decrease, or maintain its current data transmission rate; and

control means connected with the receiving means adapted to control the data transmission rate based on the data rate control command, wherein a bit is sent on a reverse packet data control channel to indicate whether the mobile station has enough power and data to increase its data transmission rate on a reverse packet data channel.

80-84. (Canceled)

85. (Currently Amended) A method for controlling a data transmission rate on a reverse link received by a mobile station apparatus for use in a mobile communications system, the method comprising:

receiving a data rate control command of a base station on a forward link common channel in a dedicated manner, the data rate control command being formed of a least one rate control bit that is signal point mapped to at least one symbol of +1, -1, and 0 to indicate whether the mobile station should increase, decrease, or maintain its current data transmission rate; and

controlling the data transmission rate based on the data rate control command rate, wherein a bit is sent on a reverse packet data control channel to indicate whether the mobile station has enough power and data to increase its data transmission rate on a reverse packet data channel.

86-89. (Canceled)